

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2685	SERIAL NO. 10/085,150
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT Emmons	
	FILING DATE February 27, 2002	GROUP Art Unit: 1723



U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Ch</i>	1 9 4 8 3 8 8	02/20/34	Liberson	128	234	
	2 1 1 2 1 6 0	03/22/38	Johnson	128	234	
	3 2 2 3 0 8 3	12/14/65	Cobey	128	92	
	3 2 3 6 4 1 8	02/22/66	Dalle et al.	222	135	
	3 4 6 7 0 9 6	09/16/69	Horn	128	218	
	3 5 5 2 3 9 4	01/05/71	Horn	728	218	
	3 7 6 7 0 8 5	10/23/73	Cannon et al.	222	82	
	4 0 4 0 4 2 0	08/09/77	Speer	128	218	
	4 1 2 1 7 3 9	10/24/78	Devaney et al.	222	137	
	4 2 2 6 2 3 5	10/7/80	Sarnoff et al.	128	218	
	4 2 6 0 0 7 7	04/07/81	Schroeder	222	137	
	4 3 5 9 0 4 9	11/16/82	Redl et al.	128	218	
	4 4 6 5 4 7 6	08/14/84	Gahwiler	604	191	
	4 5 9 4 0 7 3	06/10/86	Stine	604	187	
	4 6 3 1 0 5 5	12/23/86	Redl et al.	604	82	
<i>Ch</i>	4 6 7 3 3 9 5	06/16/87	Phillips	604	191	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Ch</i>	1 5 6 0 9 8	21/12/84	EPO				
	4 2 4 0 6 8	24/04/91	EPO				
	6 6 9 1 0 0	22/02/95	EPO				
	9 4 0 7 4 2 0	14/04/94	WO				
	9 6 1 9 9 4 0	04/07/96	WO				
	9 6 3 9 2 1 2	12/12/96	WO				
<i>Ch</i>	9 7 3 3 6 3 3	18/09/97	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>Ch</i>	DATE CONSIDERED 2/17/04
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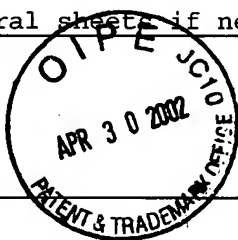
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Ch</i>	4 7 3 4 2 6 1	03/29/88	Koizumi et al.	422	100	
	4 7 3 5 6 1 6	04/05/88	Eibl et al.	604	191	
	4 8 2 6 0 4 8	05/2/89	Skorka et al.	222	137	
	4 8 6 1 3 3 9	08/29/89	Jonischkeit	604	118	
	4 8 7 4 3 6 8	10/17/89	Miller et al.	604	82	
	4 9 0 2 2 8 1	02/20/90	Avoy	604	191	
	4 9 7 8 3 3 6	12/18/90	Capozzi et al.	604	82	
	4 9 7 9 9 4 2	12/25/90	Wolf et al.	604	83	
	5 1 1 6 3 1 5	05/26/92	Capozzi et al.	604	82	
	5 2 2 6 8 7 7	07/13/93	Epstein	604	35	
	5 2 2 8 8 8 3	07/20/93	Blakely et al.	604	232	
	5 2 8 9 9 4 9	03/1/94	Gentile	222	137	
	5 2 9 0 2 5 9	03/01/94	Fischer	604	218	
	5 3 3 2 1 2 4	07/26/94	Cancro et al.	222	137	
	5 3 3 5 8 2 7	08/9/94	Gentile	222	137	
	5 3 6 8 5 6 3	11/29/94	Lonneman et al.	604	82	
	5 3 7 6 0 7 9	12/27/94	Holm	604	191	
	5 4 0 9 4 6 5	04/25/95	Boggs et al.	604	191	
<i>Ch</i>	5 4 3 3 3 5 2	07/18/95	Ronvig	222	391	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Ch</i>	9 8 0 2 0 9 8	22/01/98	WO				
	9 8 1 0 7 0 3	19/03/98	WO				
	9 8 1 0 7 0 4	19/03/98	WO				
	9 8 1 3 0 9 4	02/04/98	WO				
	9 8 4 0 1 1 5	17/09/98	WO				
<i>Ch</i>	9 8 4 0 1 6 7	17/09/98	WO				

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<i>Chr</i>	5 4 6 4 3 9 6	11/07/95	Barta et al.	604	191	
	5 4 7 4 5 4 0	12/12/95	Miller et al.	604	191	
	5 5 0 5 7 0 4	04/9/96	Pawelka et al.	604	191	
	5 5 2 0 6 5 8	05/28/96	Holm	604	191	
	5 5 8 2 5 9 6	12/10/96	Fukunaga et al.	604	191	
	5 6 4 3 2 0 6	07/1/97	Fischer	604	82	
	5 6 6 5 0 6 7	09/9/97	Linder et al.	604	82	
	5 7 4 0 9 6 5	01/21/98	Miyagi et al.	239	423	
<i>Chr</i>	5 9 6 8 5 6 3	11/29/94	Lonneman et al.	604	82	

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<i>Chr</i>	0 8 5 8 7 7 6	19/08/98	EPO				
	0 8 1 5 8 0 2	07/01/98	EPO				
	0 8 3 0 9 0 0	25/03/98	EPO				
	0 8 3 5 6 6 7	15/04/98	EPO				
	4 2 2 3 3 5 6	20/1/94	DE				
	1 9 6 2 8 5 5	15/12/69	DE				
<i>Chr</i>	2 7 2 2 1 0 4	05/7/94	FR				

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